No.



200400114

# THE UNIVERD STAYES OF AMERICA

TO ALL TO WHOM THESE: PRESERIS SHAM, COME: Louisiana State University Agricultural Center

THETENS, THERE HAS BEEN PRESENTED TO THE

## Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR IFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED ND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT.

## RICE

'Cheniere'

In Testimonn Marcest, I have hereunto set my hand and caused the seal of the Mant Mariety Protection Office to be affixed at the City of Washington, D.C. this tenth day of November, in the year two thousand and four.

Attest

Cammissioner

Plant Variety Protection Office Agricultural Marketing Servic Maseman oy of Agriculture INSTRUCTIONS

200400114

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filing fee and \$3,220 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 http://www.ams.usda.gov/lsg/seed.htm.

### ITEM

- 19a. Give:
- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
  - (1) identify these varieties and state all differences objectively;
  - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
  - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 20. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

United States - March 6, 2003.

24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

United States Patent Office, November 13, 2003 - Serial number 10/712,896

**NOTES:** It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is o581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

**EXHIBIT A** 

# Cheniere – Development History Pedigree: Newbonnet/Katy/3/L-202/Lemont/L202

Year	Generation	ID
1994	Cross	94CR112
1995	$\mathbf{F}_1$	95T1264
1996	$F_2$	96F7589
1997	$F_3$	9752664
1998	$F_4$	9828609
1999	$F_5$	9902709 (Preliminary Yield)
2000	$F_6$	0002174 (Uniform Regional Nursery)
2001	$\mathbf{F}_{7}$	0002174 (Uniform Regional Nursery –
		Commercial Advanced Yield)
2001	$F_8$	Headrow Increase – Puerto Rico
2002	$F_9$	Headrow Increase – Puerto Rico
2002	$F_{10}$	Breeder – Foundation Seed
2003	$F_{11}$	Foundation seed planted by commercial seed producers

## Details of stages of selection and multiplication

Cheniere was developed from a modified program of single seed descent. From the original cross made in 1994, four  $F_1$  plants were grown in 1995. The seed from these  $F_1$  plants were bulked and used to plant a large  $F_2$  population in 1996. One panicle was selected from each of 300  $F_2$  plants and these were grown as  $F_3$  panicle rows in 1997. Row number 9752664 was selected for advancement (among others). Ten panicles were selected from this row and these were grown as  $F_4$  panicle rows in 1998. Row number 9828609 was selected for advancement. Ten panicles were selected from this row then the remaining seed was bulked. The bulked seed was used for yield testing in 1999, while the 10 panicles were planted as  $F_5$  panicle rows in the same year. This material was reselected and grown as panicle rows in 2000 ( $F_6$ ) and 2001 ( $F_7$ ) as yield, agronomic, and quality testing continued. A 100-panicle row increase ( $F_8$ ) was grown at the winter nursery facility in Puerto Rico in the fall of 2001. From this material, 1000 panicles were selected and replanted at the winter nursery facility in Puerto Rico in December 2001 ( $F_9$ ). This seed was used to produce breeder/foundation seed on the Rice Research Station in 2002 ( $F_{10}$ ). This is the seed that was released to growers in the summer of 2003.

Cheniere has been observed for five generations of increase and purification (2001-2003) and has exhibited a very high level of uniformity and stability.

Cheniere was originally selected in the  $F_4$  generation as a semidwarf, early maturing line that displayed good yield potential and excellent milling and grain quality characteristics. It

displayed excellent yield potential and quality characteristics through yield testing in trials for several years. Yield, milling and agronomic data are attached from multi-location testing (six environments) in 2003.

In each generation of multiplication and purification  $(F_4-F_{10})$ , the line was selected for uniformity and purity.

Variants observed and removed from increase fields of Cheniere included any combination of the following: taller, shorter, pubescent, earlier, later, gold-hull, awned grains (less than .05%), and intermediate grain shape. The total number of variants numbered less than 1 per 5,000 plants.

## **EXHIBIT B**

200400114

## **Statement of Distinctness**

## **CHENIERE**

Cheniere is an early maturing, high yielding, semidwarf long-grain rice variety. It was derived from the cross 'Newbonnet'/'Katy'/3/'L-202'/'Lemont'//L-202 made in 1994. Plant height (cm) averages 94, 104, 94, and 94 for Cheniere, Francis, Cypress, and Cocodrie, respectively. The variety has displayed excellent resistance to lodging. Cheniere has shown adaptation throughout the southern U.S. rice producing regions.

This variety most closely resembles the rice variety Cypress. The leaves, lemma, and palea are glabrous. The spikelet is straw colored. The apiculus is purple at heading, but this color fades as the grains approach maturity. The grain is non-aromatic, non-glutinous, and displays a light brown pericarp. The inner leaf sheath may display a slight purple coloration, especially toward the base of the plant.

The ligule shape of Cheniere is 2-cleft while the ligule shape of Cypress is acute to acuminate. The panicle axis of Cheniere is straight while that of Cypress is droopy.

The flag leaf of Cheniere remains upright and erect until harvest maturity. The flag leaf of Cypress is erect at physiological maturity but tends to droop as plants approach harvest maturity.

Breeder and foundation seed will be produced by the Rice Research Station at Crowley, LA. Foundation seed may be produced by cooperating public rice research stations. Cheniere will also be sold as registered and certified classes of seed.

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved OMB NO 0581-0055

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705 Exhibit C

**CHENIERE** 

## OBJECTIVE DESCRIPTION OF VARIETY

Rice (Oryza sativa)	the control of the co
NAME OF APPLICANT (S)  Steve Linscombe	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or RD No., City, State, and Zip Code)	PVP02MD 4 0 0 1 1 4
LSU AgCenter's Rice Research Station, 1373 Caffey Road, Rayne, LA 70578	VARIETY NAME
	TEMPORARY OR EXPERIMENTAL DESIGNATION
PLEASE READ ALL INSTRUCTIONS CAREFULLY:	
Place the appropriate number that describes the character of this variety in the spaces provided below. to descriptors developed by IBGR-IRRI Rice Advisory Committee and the US Rice Crop Advisory Com- readily by describing as many characters as is possible.	. These numbers are also code numbers corresponding mittee. Breeders will demonstrate distinctness more
1. MATURITY - Days to Heading (Seeding to 50% Heading):	
A. South: (Location: <u>Crowley, LA</u> ) at <u>160</u> kg/ha (Nitrogen Rate)	
_77_ Number of Days	
1 Days Earlier Than Check Variety: Cypress	
Days Same As Check Variety: Francis	
2 Days Later Than Check Variety: Cocodrie	
Maturity Class (50% Heading) – South: 1 = Very Early (85 Days or 3 = Intermediate (101 - 115	
3. California: (Location:) atkg/	/ha (Nitrogen Rate)
Number of Days	
Days Earlier Than Check Variety:	
Days Same As Check Variety:	
Days Later Than Check Variety:	
Maturity Class (50% Heading) – California: 1 = Very Early (90 Days or 3 = Intermediate (98 - 104)	
2. CULM:	
Angle (Degrees from Perpendicular after Flowering):  1 = Erect (Less than 30°)	About 60°)

7 = Spreading (More than 60° but the culms do not rest on the ground)

9 = Procumbent (The culm or its lower part rests on the ground surface)

#### Exhibit C (Rice) 2. CULM: (continued) LENGTH 93 • 9 cm (Soil level to top of extended panicle on main stem) 200400716 10 • 2 cm Shorter Than Check Variety: \_Francis Length Same as Check Variety: Cocodrie 2 • 5 cm Longer Than Check Variety: \_Jefferson 1 Height Class: 1 = Semi dwarf 2 = Short3 = Medium 4 = Tall 2 Internode Color (After Flowering): 1 = Green 2 = Light Gold 3 = Purple Lines 4 = Purple \_1 Strength (Lodging Resistance): 1 = Strong (no Lodging) 3 = Moderately Strong (Most Plants Leaning) 5 = Intermediate (Most Plants Lodged) 7 = Weak (Most Plants Flat) 9 = Very Weak (All Plants Flat) 3. FLAG LEAF (After Heading): 31 • 2 cm Length 10 • 1 mm Width 1 Pubescence: 1 = Glabrous 2 = Intermediate 3 = Pubescent Leaf Angle (After Heading): 1 = Erect 3 = Intermediate 7 = Descending 5 = Horizontal Blade Color: 2 = Green 2 1 = Pale Green 3 = Dark Green 4 = Purple Tips 5 = Purple Margins 6 = Purple Blotch 7 = Purple Basal Leaf Sheath Color: 1 = Green 2 = Purple Lines 3 = Light Purple 4 = Purple 4. LIGULE: 1 • 1 mm Length (From base of collar to the tip, at late vegetative stage) \_1 Color (Late Vegetative Stage): 1 = White 2 = Purple Lines 3 = Purple 2 Shape: 1 = Acute to Acuminate 2 = 2-Cleft 3 = Truncate 1 Collar Color (Late Vegetative Stage): 1 = Pale Green 2 = Green 3 = Purple 1 Auricle Color (Late Vegetative Stage): 1 = Pale Green 2 = Purple 5. PANICLE: 23 • 4 cm Length \_5 Type: 1 = Compact 5 = Intermediate 9 = Open \_2 Secondary Branching: 1 = Absent 2 = Light3 = Heavv4 = Clustering Exsertion (Near Maturity): 1 = Less than 90% 2 = 90 - 99%3 = 100% Exserted <u>1</u> Axis: 1 = Straight 2 = Droopy3 Shattering: 1 = Very Low (Less Than 1%) 3 = Low (1 - 5%) 5 = Moderate (6 - 25%)7 = Moderately High (26 - 50%) 9 = High (More than 50%) 3 Threshability: 1 = Difficult 2 = Intermediate 3 = Easy6. GRAIN (Spikelet): O Awns (After Full Heading): 0 = Absent 1 = Short and Partly Awned 5 = Short and Fully Awned 7 = Long and Partly Awned 9 = Long and Fully Awned Apiculus Color (At Maturity): 2 = Straw 1 = White 3 = Brown (Tawny) 4 = Red5 = Red Apex 6 = Purple 7 = Purple Apex Stigma Color: 1 = White2 = Light Green 3 = Yellow 4 = Light Purple 5 = Purple

6. GRAIN	N (Spikelet):										r				
_0	Lemma and Palea Color (At	Maturity):							2	00	de (	00		G	
	0 = Straw 3 = Brown Furrows on Straw 6 = Purple Spots on Straw 9 = Black	w 4 =   7 =	Gold and/or Go Brown (Tawny) Purple Furrows White		s on Straw Ba	eckgroun	d	2 = Brow 5 = Redo 8 = Purpl	lish to Li	on Str ght Pu	aw (P irple	iebald)	)		10
1	Lemma and Palea Pubesce		Glabrous Short Hairs		on Lemma K Hairs (Velvet		3 = Hairs	on Upper	Portion						
1	Spikelet Sterility (At Maturity		: Highly Fertile : Highly Sterile					5 = Partly rile (0%)	/ Sterile	(50 – 1	74%)				
7. GRAIN	I (Seed):									···					
_2	Seed Coat (Bran) Color:	1 = White 5 = Red	2 = Light 6 = Varia	: Brown able Purple		= Speck = Purple	led Brow	n	4 = Bro	wn					
1	Endosperm Type:	1 = Nonglutino	us (Nonwaxy)		2 = Glutinou	ıs (Waxy	)	3 = Indet	erminate	<del>)</del>					
1	Endosperm Translucency:	1 = Clear		5 = Interr	nediate	:	9 = Opaq	lue							
1	Endosperm Chalkiness:	0 = None 5 = Medium (1	0 20% of Sar	mple)	1 = Small (L 9 = Large (M										
0	Scent (Aroma):	0 = Nonscente	d .	1 = Lightl	y Scented	:	2 = Scen	téd		•		~			
	Shape Class (Length/Width	Ratio):										3			
3	Paddy	1 = Short (2.2:	1 and Less)	2 = Medio	um (2.3:1 to 3	3.3:1)	3 = Long	(3.4:1 and	More)						
3	Brown	1 = Short (2.0:	1 and Less)	2 = Mediu	um (2.1:1 to 3	3.0:1)	3 = Long	(3.1:1 and	More)						
3	Milled	1 = Short (1.9:	1 and Less)	2 = Mediu	um (2.0:1 to 2	2.9:1)	3 = Long	(3.0:1 and	More)						
	Measurements: Grain Form	Length (mm)	Width (mm)	Thic (mm	kness )		L/W Ratío	1000 Gra (grams)	ins				•		
<i>r</i> * · · ·	Paddy	9.4	<u>2.6</u>	1.9			<u>3.6</u>	24.2							
ı	Brown	<u>7.5</u>	<u>2.1</u>	<u>1.8</u>	<u>.</u> <u>3</u>		<u>3.6</u>	<u>21.3</u>							
. 1	Milled	6.9	<u>2.0</u>	<u>1.6</u>	<u>3</u>		<u>3.4</u>	<u>17.7</u>							
_20 I	Milling Quality (% Hulls)	•	<u>66.3</u> Mil	ling Yield (	% While Kerr	nel (head	l) Rice to	Rough Ri	ce)						
<u>7.4</u> °	% Protein		<u>23.9</u> % .	Amylose											
Alkali Spre	eading Value:	1.5% KOH So	olution		<u>3.9</u> 1.7%	KOH S	olution								
<u>5</u> (	Gelatination Temperature Typ	e:	1 = High		5 = Intermed	liate		7 = Low	-						
Amylo	ographic Paste Viscosity (Bra	bender Units)			•										
Peak	Hot Paste	9	Cooled P	aste	'Breakdo	wn' 'Setl	back'								
<u>150.2</u>	108.7		182.6		*	<u>76.3</u>									
8. RESIST	TANCE TO LOW TEMPERTU	JRE:													
_2	Germination and Seedling Vi	gor:	1 = Low		2 = Medium	3	3 = High								
2	Flowering (Spikelet Fertility):		1 = Low		2 = Medium		B = High								
9. SEEDLI	ING VIGOR NOT RELATED	TO LOW TEMP	ERATURE:												
	Vigor:		1 = Low		2 = Medium	3	B = High								
				·			-								

															Ex	hibit C (Ri
10. BLAST	RESIS	TANCE:	(Pyicularia d	oryzae).	(Internation	onal races for	und und	er Referer	nces)			20	004	00	-61-	
0 = lmr	nune	1 :	= Resistant	3 =	Moderate	ely Resistant	5 =	Intermedia	te 7 =	Moderate	ly Suscept	tible	9 = 8	usceptil	ole	*
Group			IB			IC		ID		IE	IG	IH		••••		
Number	1	5	45	49	54	1	17	1	13	1	1	1				
Resistance	_	<u>-</u>	<u> -</u>		_	<del></del>	_7	<u>-</u>	<u></u>	<u>-</u>	<u>-</u>	<u>=</u>				
11. RESIST	ANCE	то отне	ER DISEAS	ES:							,					
0 = lmn	nune	1 :	= Resistant	3 =	Moderate	ely Resistant	5 =	Intermedia	te 7=	Moderate	ly Suscept	ible	9 = 8	Susceptil	ole	
<u>7</u> N	arrow B	rown Lea	af Spot ( <i>Cen</i>	ospora o	ryzae)			_ <u></u> Ag	gregate Sl	neath Spot	(Rhizocto	nia Oryza	e-sativ	a <i>e</i> )		
<u> </u>	eaf Smu	ıt ( <i>Entylo</i> i	ma oryzae)	•				1 St	raight Hea	d						•
<u>7</u> Bi	rown Le		Helminthosµ (=Bipolaris (=Drechsleı	oryzae)	-			<u>7</u> Ke	rnel Smut	(Neovossi (=Tilletia	ia horrida) barclayar	na)				
_ <u></u> Le	af Scal	d (Gerlac	hia oryzae)					Wh	ite Tip Ne	matode (A	phelencho	ides bess	seyi)			
_ <del></del> Ho	oja Blan	ca Virus						7 Ste	em Rot ( <i>S</i> o	clerotium d	ryzae)					
Sh	eath Ro	ot ( <i>Saroc</i>	ladium oryza	ae)						•						
<del></del> Py	thium S	eedling E	Blight ( <i>Pythi</i>	um sp.)				<u>5</u> Ba	acterial Bli	ght ( <i>Xanth</i>	omonas ca	ampestris	pv. ory	zae)		
<u>7</u> Si	neath S	pot ( <i>Rhiz</i>	octonia oryz	zae)				7 Sł	neath Bligh	nt ( <i>Rhizoct</i>	onia solan	i)			,	
_ <del></del> Ot	her:				· · · · · · · · · · · · · · · · · · ·						•					
12. INSECT	RESIS	TANCE:										· .		,		
0 = lmm	nune	1 =	= Resistant	3 =	Moderate	ly Resistant	5 = I	ntermedia	te 7 =	Moderatel	y Suscept	ible	9 = S	usceptil	ole	
Gr	asshop	per	,					_7 Ric	e Stink Bu	ıg ( <i>Oegal</i> u	ıs pugnax)					
_ <u></u> Ri	ice Leaf	hopper						Sw	arm Cater	pillar	V,		•			
<del></del> Ri	ce Hisp	a							e Water W	Veevil ( <i>Liss</i>	sorhoptrus	oryzophii	lus)			
_ <u></u> Ri	ce Midg	je						7 Ric	e Stalk Bo	rer ( <i>Chilo</i>	pleiadellus	3)				

13. OTHER DESCRIPTORS: If there are other characters that describe this variety, please indicate below:

### REFERENCES

7 Sugarcane Borer (Diatraea saccharalis)

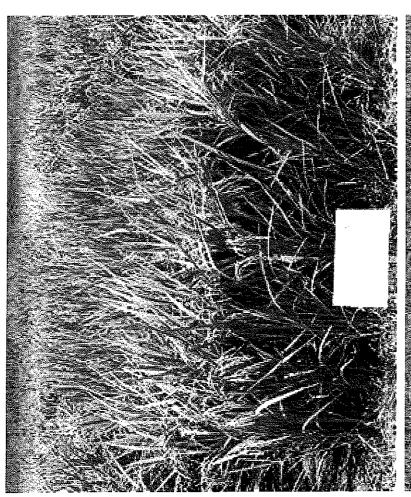
- C. R. Adair et al. 1972. Rice in the United States: Varieties and Production. USDA Handbook No. 289 (Rev.), 124 pp.
- J. G. Atkins et al. 1967. An International Set of Rice Varieties for Differentiating Race of Pyricularia Oryzae. Phytopath. 57:297-301.

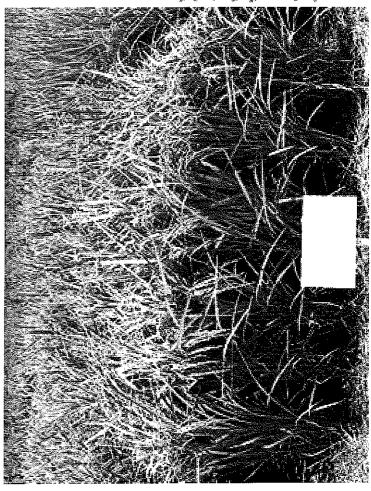
IBPGR-IRRI Rice Advisory Committee. 1980. Descriptors for Rice Oryzae sativa L. International Rice Research Institute. 21 pp.

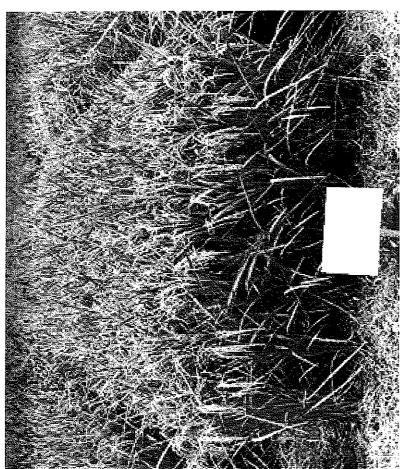
- K. C. Ling and S. H. Ou, 1969. Standardization of the International Race Numbers of Pyricularia Oryzae. Phytopath. 59:339-342.
- B. D. Webb et al. 1985. Utilization Characteristics and Qualities of United States Rice. In Proceedings on Rice Grain Quality and Marketing. International Rice Research Institute (IRRI), Los Branos, Philippines. P. 25-35.

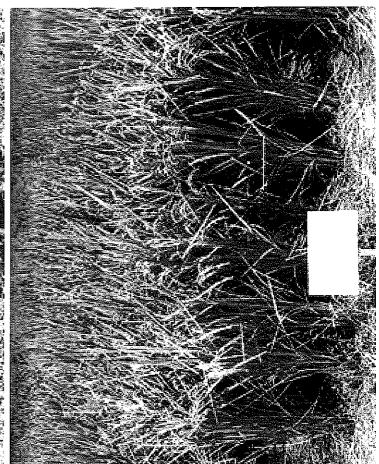
Least Skipper

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71.0       74.1       5513         67.3       72.0       7184         71.9       75.2       6416         67.5       72.6       7953         70.2       74.6       6837         69.9       75.1       7008         69.9       75.1       7008         69.2       70.6       6158         69.2       70.6       6158         69.2       70.6       6158         60.3       71.2       7469         60.3       71.2       7469         60.3       71.2       7469         60.3       71.2       7469         60.4       72.7       6944         69.6       72.7       6944         70.0       73.3       6023         70.0       73.3       6023         70.0       73.3       6023         66.7       72.8       7041         66.7       72.0       7597         66.7       70.4       8036         66.7       70.6       6663         70.6       70.6       70.6         70.0       70.0       70.0         80.1       4949	71.0       74.1         67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         69.9       75.1         69.9       75.1         66.3       71.2         66.3       71.2         66.3       71.2         63.8       68.7         70.1       72.8         69.6       72.7         70.0       72.3         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3	71.0       74.1         67.3       72.0         71.9       75.2         67.5       72.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.6       77.2         66.3       71.2         66.3       71.2         66.3       71.2         66.3       71.2         66.3       71.2         66.3       71.2         66.3       72.7         70.0       72.3         70.0       72.3         66.7       72.8         66.7       72.0         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9	71.0       74.1         67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         66.3       71.0         66.3       71.0         66.3       71.0         63.1       68.5         63.6       72.7         70.1       72.8         69.6       72.7         70.0       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9         66.7       72.9         66.7       72.9         66.7       72.9         66.7       72.9	71.0       74.1         67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         66.3       71.0         67.3       71.0         67.3       71.2         69.2       70.6         67.3       71.2         69.6       72.7         70.1       72.8         60.1       69.1         60.1       69.1         60.1       69.1         60.1       69.1         60.1       69.1         60.1       69.1         60.1       69.1         60.1       69.1         60.2       72.8         66.7       72.3         69.8       72.8         69.7       72.9         66.7       72.9         66.7       72.8         69.7       72.8         69.7       72.8         69.7       72.8         69.8       72.8         69.7       72.3         69.7	71.0       74.1         67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         66.3       71.0         66.3       71.0         66.3       71.2         69.2       70.6         63.1       68.7         70.1       72.8         69.6       72.7         70.0       72.8         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9         66.7       72.9         66.7       72.9         66.7       72.9         66.7       72.8         66.7       72.9         66.7       72.9         66.7       72.8         66.7       72.9         66.7       72.8         66.7       72.8         66.7       72.8         66.7	71.0       74.1         67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         66.3       71.0         67.3       71.0         66.3       71.2         69.6       72.7         70.1       72.8         69.6       72.7         70.0       72.3         60.1       69.1         60.1       69.1         60.2       72.8         66.7       72.3         66.7       72.3         66.7       72.3         69.8       73.7         69.8       72.8         69.7       72.8         69.4       69.8         69.4       69.8         69.7       72.8         69.8       72.6         69.4       72.6         69.4       72.6         69.4       72.7
67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         69.2       76.1         69.2       70.6         67.3       71.0         66.3       71.2         63.1       68.7         63.1       68.7         63.6       72.7         70.0       72.3         70.0       73.3         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.0         65.1       70.4         65.1       73.7	67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.2         66.3       71.2         66.3       71.2         66.3       71.2         66.3       72.7         70.0       73.3         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3	67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         64.6       71.5         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.2         63.8       68.7         63.8       68.7         63.8       68.7         70.0       72.3         70.0       72.3         70.0       72.8         66.7       72.0         66.7       72.0         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7	67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.2         66.3       71.2         66.3       72.7         70.0       72.8         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9         66.7       72.9         66.7       72.8         66.7       72.9         66.7       72.8         66.7       72.9	67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.0         66.3       72.7         70.1       72.8         60.1       69.1         60.1       69.1         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7	67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.2         66.3       71.2         66.3       71.2         66.3       72.7         70.0       72.3         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9         66.7       72.9         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7	67.3       72.0         71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.6       72.7         60.2       70.6         60.1       68.7         60.1       68.7         60.1       69.1         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.9         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.6         69.4       72.6         69.4       72.6         69.4       72.7         69.4       72.6
71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         63.8       68.7         63.1       68.7         70.1       72.7         70.0       73.3         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.8         65.1       70.4         65.1       73.7	71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.2         66.3       71.2         63.8       68.7         70.1       72.8         69.6       72.7         70.0       73.3         60.1       69.1         67.9       72.8         66.7       72.0         65.1       70.4         65.1       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3	67.5       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.2         66.3       71.2         66.3       72.7         70.0       72.3         70.0       72.3         66.7       72.8         66.7       72.8         66.7       72.0         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9	71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.7       71.0         66.3       71.2         63.8       68.7         63.1       68.5         63.6       72.7         70.0       72.3         70.0       73.3         60.1       69.1         65.1       68.0         67.9       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9         66.7       72.9         66.7       72.8	71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         66.3       71.2         66.3       71.2         63.8       68.7         63.1       68.5         70.1       72.8         60.1       69.1         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7	71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.6       73.2         66.3       71.0         66.3       71.2         63.4       68.5         63.6       72.7         70.1       72.8         69.6       72.7         60.1       69.1         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7	71.9       75.2         67.5       72.6         70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         65.6       73.2         69.2       70.6         67.3       71.0         66.3       71.2         69.6       72.7         70.0       73.3         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.6         69.4       72.6         69.4       72.7         69.4       72.6         69.4       72.6
67.5 72.6 69.9 75.1 64.6 71.5 65.6 73.2 65.6 73.2 66.3 71.0 66.3 71.2 63.1 68.5 70.1 72.8 69.6 72.7 70.0 73.3 60.1 69.1 67.9 72.8 66.7 72.0 66.7 72.0	67.5 72.6 70.2 74.6 69.9 75.1 64.6 71.5 65.6 73.2 69.2 70.6 67.3 71.0 66.3 71.2 63.1 68.5 70.1 72.8 69.6 72.7 70.0 73.3 60.1 69.1 67.9 72.8 66.7 72.0 65.1 70.4 66.7 72.3	67.5 72.6 70.2 74.6 69.9 75.1 64.6 71.5 64.6 71.5 65.6 73.2 65.8 71.0 66.3 71.2 63.8 68.7 63.8 68.7 70.1 72.8 69.6 72.7 70.0 73.3 70.0 73.3 70.0 73.3 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8	67.5 72.6 70.2 74.6 69.9 75.1 64.6 71.5 65.6 73.2 69.2 70.6 67.3 71.0 66.3 71.2 63.1 68.5 70.1 72.8 69.6 72.7 70.0 73.3 60.1 69.1 67.9 72.8 66.7 72.0 65.1 70.4 66.7 72.3 66.7 72.3 66.7 72.3 66.7 72.9 66.7 72.9	67.5 72.6 70.2 74.6 69.9 75.1 64.6 73.2 65.6 73.2 65.6 73.2 63.8 68.7 63.8 68.7 70.1 72.8 69.6 72.7 70.0 73.3 60.1 69.1 67.9 72.8 66.7 72.3 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8 66.7 72.8	67.5 72.6 70.2 74.6 69.9 75.1 64.6 71.5 65.6 73.2 69.2 70.6 67.3 71.0 66.3 71.2 63.1 68.5 70.1 72.8 69.6 72.7 70.0 73.3 60.1 69.1 67.9 72.8 66.7 72.0 65.1 70.4 66.7 72.3 66.7 72.9 66.7 72.9 66.7 72.9 66.7 72.9 66.7 72.9	67.5 72.6 70.2 74.6 69.9 75.1 64.6 73.2 65.6 73.2 66.3 71.0 66.3 71.2 63.1 68.5 70.1 72.8 69.6 72.7 70.0 73.3 60.1 69.1 67.9 72.8 66.7 72.8 66.7 72.9 66.7 72.9 66.2 72.8 66.7 72.9 66.7 72.9 66.2 72.8 66.7 72.8
70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         69.2       70.6         67.3       71.0         66.3       71.2         63.8       68.7         63.1       68.5         70.1       72.8         69.6       72.7         70.0       73.3         60.1       69.1         67.9       72.8         66.7       72.8         66.7       72.0         65.1       70.4         65.1       73.7	70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         69.2       70.6         67.3       71.0         66.3       71.2         63.8       68.7         63.8       68.7         70.1       72.8         69.6       72.7         70.0       73.3         60.1       69.1         67.9       72.8         66.7       72.8         65.1       70.4         65.1       70.4         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3	70.2       74.6         69.9       75.1         64.6       71.5         64.6       71.5         65.6       73.2         69.2       70.6         69.2       70.6         67.3       71.0         66.3       71.2         66.3       71.2         66.3       71.2         66.3       71.2         69.6       72.7         70.0       72.3         70.0       72.3         66.7       72.8         66.7       72.0         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3	70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         69.2       70.6         67.3       71.0         66.3       71.2         63.8       68.7         63.1       68.5         69.6       72.7         70.0       72.3         70.0       73.3         60.1       69.1         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.9         66.7       72.9         66.7       72.8	70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         65.6       73.2         69.2       70.6         67.3       71.0         66.3       71.2         66.3       71.2         63.8       68.7         63.1       68.5         70.0       72.3         70.0       73.3         60.1       69.1         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7	70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         69.2       70.6         67.3       71.0         66.3       71.2         63.8       68.7         63.1       68.5         69.6       72.7         70.0       72.8         60.1       69.1         60.1       69.1         66.7       72.8         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.3         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7	70.2       74.6         69.9       75.1         64.6       71.5         65.6       73.2         69.2       70.6         67.3       71.0         66.3       71.2         66.3       71.2         66.3       72.7         70.0       72.3         69.6       72.7         70.0       73.3         60.1       69.1         66.7       72.8         66.7       72.3         66.7       72.3         66.7       72.3         69.8       73.7         69.8       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.8         66.7       72.6         69.4       72.6         69.4       72.6
69.9 64.6 65.6 65.6 66.3 63.1 70.1 70.0 69.6 60.1 67.9 66.7 66.7	69.9 64.6 65.6 69.2 67.3 66.3 63.1 70.0 60.1 67.9 66.7 66.7 66.7	69.9 64.6 65.6 65.6 66.3 63.8 63.8 63.1 70.1 70.1 70.0 70.0 69.6 69.6 69.6 69.6 69.6 69.6 69.6 6	69.9 64.6 65.6 69.2 67.3 66.3 63.1 63.1 70.0 60.1 60.1 67.9 66.7 66.7 66.7 66.7	69.9 64.6 65.6 69.2 67.3 66.3 63.1 70.1 70.0 69.6 60.1 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66	69.9 64.6 65.6 69.2 67.3 66.3 63.1 70.0 60.1 60.1 67.9 66.7 66.7 69.8 66.7 66.7 66.7 66.7 66.7 66.7	69.9 64.6 65.6 69.2 67.3 66.3 63.1 70.0 69.6 60.1 66.7 69.8 66.7 69.8 69.7 69.8 69.7 69.8 69.7 69.8 69.7 69.8
69.9 64.6 65.6 69.2 66.3 66.3 63.8 63.8 63.8 63.1 70.0 60.1 60.1 67.9 67.9 66.7 69.8	64.6 64.6 65.6 69.2 66.3 66.3 66.7 60.1 60.1 67.9 66.7 66.7 66.7	66.6 66.3 66.3 66.3 66.3 66.3 66.3 63.1 70.0 70.0 70.0 70.0 69.6 69.6 69.6 69.6 66.7 66.7	64.6 65.6 69.2 67.3 66.3 66.3 63.1 63.1 70.0 60.1 60.1 67.9 66.7 66.7 66.7 66.7	64.6 65.6 69.2 67.3 66.3 66.3 66.7 69.6 60.1 60.1 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66	69.9 64.6 65.6 69.2 67.3 66.3 63.1 63.1 70.0 60.1 60.1 67.9 66.7 66.7 66.7 66.7 66.7 66.7 66.7	64.6 64.6 65.6 69.2 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66
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2003 Commercial Advanced Rice Test Rice Research Station, Crowley, La

2003 Commercial Advanced Rice Test Rice Research Station, Crowley, La

			Days to 50%	Height		Mil %	Wil %	cier.	Ratoon	TOTAL	
EN	PEDIGREE	VIGOR	Heading	(cm)	% Ldg	Whole Gr	Total Gr	Yield	Yield	YIELD	
232	0202103 (URN103) CPRS/DREW	9	73	105		66.69	73.9	7505	2889	10394	
233	0002140 (URN 025) JSMN/DLLA	5	76	101		58.1	65.2	5391	2625	8016	
234	0202183 (URN 031) 9502065/3/BNGL//MERC/RICO	5	74	98		69.1	71.2	8153	3330	11483	
235	0002146 (URN 028) ORIN/MERC/RICO//	5	72	108		70.0	72.2	8258	4312	12570	
236	0302140 (URN 140) BNGL//V4916/STRN	4	73	66		72.9	74.8	8969	2704	9672	
237	0302146 (URN 146) BNGL/9502065	5	74	95		72.2	74.2	5958	3975	9933	
238	0302137 (URN 137) DLMT//DLMT//B846273-710	4	70	117	43	60.3	70.3	5989	3158	9147	
239	0302125 (URN 125) JSMN/DLLA//LEAH/DLLA	4	89	107		66.7	71.4	6728	2802	9530	
240	0302011 (URN011) AC105DH2/AC101DH2	4	69	100		67.3	72.3	6328	2098	8426	
241	0302042 (URN 042) 9863304DH2	9	-45	132		57.6	67.0	3529	5595	9124	
242	0302051 (URN 051) AC105DH2/AC110DH2	4	89	91		63.3	70.0	7153	2067	9220	
243	0302062 (URN 062) CCDR/98PIM0141	4	29	103		65.7	71.4	5287	3243	8530	
244	0302071 (URN 071) AC122DH4	4	74	105		70.8	73.9	7541	3543	11084	
245	0302085 (URN 085) AC105DH2/AC110DH2	4	72	103		69.7	73.0	6447	2839	9286	
246	0302088 (URN 088) AC105DH2/AC110DH2	2	71	107	10	64.8	68.4	6701	2027	8728	
247	0302091 (URN 091) AC176DH1/9959322DH2	9	72	104		68.4	73.0	6149	3898	10047	
248	0302128 (URN 128) CCDR/98PIM0151	4	74	106		71.2	74.5	7356	3022	10378	
249	0302149 (URN 149) CCDR/98LL0401	2	71	103		2.99	69.2	6929	2115	9044	
250	TX 9092	5	70	96		66.5	70.7	6266	4006	10272	
251	TX 8181	7	69	104		68.9	72.4	7153	1618	8771	
252	AR 0101093 (URN 004) 9101001//TBNT/KATY/3/LGRU	4	65	110	53	64.1	71.1	6421	3190	9611	
253	AR 0001124 (URN 013) CPRS/NWBT/KATY	4	71	102		70.0	73.1	7024	3061	10085	6
254	AR 0001151 (URN 021) BNGL/SHORT-RICO	2	74	96		70.1	73.2	6582	3598	10180	2 (
255	MS 0204114	9	73	103		0.99	71.7	5397	3626	9023	0(
256	XL 7	5	69	115	09	63.6	72.4	6577	4331	10908	4
257	XL.8	4	72	114	77	64.7	73.7	6838	4010	10848	0
258	CLXL 8	5	9/	121	10	63.6	71.4	7888	4969	12857	0
259	XP 710	9	9/	115		61.4	70.3	27768	4521	12289	
260	XP 712	4	74	119		67.3	71.8	7908	6152	14060	Gran.
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2003 Commercial Advanced Rice Yield Test Vermilion Parish, Lake Arthur, La

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		50%	Height	Mil. %	Wil.	Grain	Ratoon	Total
PEDIGREE	Vigor	Heading	(cm)	Whole Gr	Total Gr	Yield	Yield	Yield
	9	74	97	64.6	70.2	5186	2236	7422
	5	78	124	60.3	67.9	5244	2679	7923
	4	82	106	63.8	62.3	5083	2325	7408
COCODRIE	4	78	104	63.9	71.9	6694	2295	8989
	4	81	103	63.8	69.3	2637	2447	8084
CHENIERE	9	80	100	61.7	70.4	6054	2419	8473
	5	80	116	60.3	68.8	5570	2751	8321
	4	79	110	59.2	69.5	7110	2516	9626
	9	79	105	6.99	70.7	6047	3115	9162
	4	77	114	63.6	68.2	2689	1861	7258
	9	78	106	2.09	70.7	5214	3091	8305
JEFFERSON	7	69	66	63.8	70.4	6020	3104	9124
MAYBELLE	9	99	110	62.9	9.69	5118	1912	7030
	7	78	110	68.6	71.7	5925	3077	9002
	5	80	104	9.79	72.2	6305	3888	10193
	5	79	118	68.0	73.3	8021	3064	11085
DELLROSE	7	77	110	66.8	71.5	5111	2982	8093
	5	81	144	59.2	67.4	3864	1553	5417
	9	99	125	60.4	68.7	3752	2701	6453
0202002 (URN 002) 9502008/3/CPRS//82CAY21/TBNT	5	75	104	63.6	69.3	6747	2077	8824
0302005(URN 005) TACAURI/3/CPRS//82CAY21/TBNT	4	78	105	55.8	65.7	5684	2823	8507
0202008 (URN 008) CPRS//82CAY21/TBNT/	9	69	107	56.2	64.2	5958	2843	8801
0302022 (URN 022) TACAURI/3/CPRS//82CAY21/TBNT	5	77	100	61.1	69.8	5818	2897	8715
0202195 (URN 034) NWBT/KATY//9902207x7	9	76	106	64.5	70.1	6871	2364	9235
0202192 (URN 045) DREW/3/CPRS//82CAY21/TBNT	7	77	112	66.8	71.5	7202	2729	9931
0202048 (URN 048) LM-1	6	76	97	62.9	73.3	6087	3927	10014
.0302065 (URN 065) 9602082/CPRS//82CAY21/TBNT/3/AR-1121	4	77	105	62.8	9.69	5743	2228	7971
0102068 (URN 068) 9502008/LGRU	5	79	105	63.2	69.8	6413	2887	9300
0302082 (URN 082) 9502008-A/DREW	4	78	104	63.3	9.69	6089	3076	9885
0302094 (URN 094) 9502008-A/DREW	4	77	103	63.6	6.69	6277	2432	8709
0302097 (IIRN 097) 9502008-A/TACALIBI	ĸ	77	0	0 78	7.0	000	7	0000

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Days to 50%         Height (cm)         Mil. % Whole Gr         Mil. % Total Gr         Mil. % Total Gr         Mil. % Total Gr           80         109         61.4         68.2         72.5           78         104         57.6         66.6         66.6           78         105         68.5         72.5         71.9           82         106         67.1         71.9         72.6           77         103         68.7         72.6         66.4           78         106         65.9         70.7           78         101         67.8         73.0           80         118         64.7         69.4           77         102         64.7         70.3           77         108         64.7         70.3           76         101         65.5         71.6           76         101         65.5         71.6           76         104         66.7         70.3           76         108         64.9         70.9           76         108         64.9         70.9           76         108         64.9         70.9           77         108 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>										
EDIGREE         VIGOR         Heading         (cm)         Whole Gr         Total Card           D2103 (URN102) CPRS/DREW         5         80         109         61.4         68.5         72.6           D2144 (URN 025) JSMANDLIA         7         7         78         104         57.6         66.6           D2148 (URN 025) SMANDLIA         7         7         111         63.8         72.5           D2148 (URN 025) SMANDLIA/HEACHICO/N         6         77         115         68.7         7.0           D2148 (URN 145) BINGLIA/SBOORG         6         7.7         103         68.7         7.2           D2158 (URN 145) BINGLIA/SBOORG         6         7.7         109         65.9         70.7           D2012 (URN 025) SANAVDLIA/HEAHDLIA         5         7.3         109         65.9         70.7           D2012 (URN 025) SANAVDLIA/HEAHDLIA         5         7.5         10.6         68.6         70.7           D2012 (URN 025) ACDENDERACTODHE         5         7.5         10.6         68.6         70.7           D2012 (URN 025) ACDENDERACTODHE         5         7.7         10.6         68.7         70.7           D2022 (URN 025) ACDENDERACTODHE         5         7         10.6				Days to	Heicht	Wil %	Wil %	<u>2</u>	Datoon	
2218 (URNO 12) CPRS/DREW  2218 (URNO 23) SANNOLLA  2218 (URNO 23) SANNOLLA  2218 (URNO 12) SOGGEGE/SENGL/MERC/RICO  2218 (URNO 13) SOGGEGE/SENGL/MERC/RICO  2218 (URNO 145) RICLI (URNO 11) CASC  2218 (URNO 12) SOGGEGE/SENGL/MERC/RICO  2218 (URNO 12) SOGGEGE/SENGL/RICO  2218 (URNO 12) SOGGEGE/SENGL/RIC	ENT	PEDIGREE	Vigor	Heading	(cm)	Whole Gr	Total Gr	Yield	Yield	l otal Yield
DECIAL (URIN 028) JSMANDLLA         7         78         104         57.6         66.6           DETAIG (URIN 028) JSMANDLLA         6         77         111         63.8         72.5           DETAIG (URIN 140) BROGLOGEGENENCL/MARTICHANCE         6         77         111         63.8         70.8           DETAIG (URIN 140) BINGLAGGERSTRIN         6         77         109         66.7         77.2           DETAIG (URIN 140) BINGLAGGERSTRIN         6         77         109         66.7         77.2           DETAIG (URIN 140) BINGLAGGERSTRIN         6         77         109         66.9         77.7           DETAIS (URIN 140) DIAMICIDANIC MATURAL MEMBERS         5         75         106         68.6         73.2           DEDATE (URIN 142) DIAMICIDANIC MEMBERS         5         75         106         68.9         73.2           DEDATE (URIN 142) COEDHERIC MATURAL MEMBERS         5         75         101         61.7         68.9           DEDATE (URIN 143) CCDROBER MINIST         5         77         102         64.7         70.3           DEDATE (URIN 143) CCDROBER MATURAL MEMBERS         5         77         114         66.8         70.2           DETATE (URIN 143) CCDROBER MATURAL MEMBERS         6	232	0202103 (URN103) CPRS/DREW	5	80	109	61.4	68.2	6271	3045	9316
CORTING ORD (NAMERICAPICO)         6         77         111         63.8         72.5           DETAG (URIN 126) DENNIWERICAPICON         6         77         111         63.8         70.8           DETAG (URIN 140) BINGLA/MARTICAPICON         6         77         106         66.7         71.9           DETAG (URIN 140) BINGLA/MARTICAPICON         6         77         109         65.9         70.7           DETAG (URIN 141) BINGLA/MARTICAPICON CONTRACTOR         5         73         106         66.9         70.7           DEDAG (URIN 151) ACTICEDHEA/ACTIODHE         5         7         19         131         56.0         66.4           DEDAG (URIN 152) LANDINGLA/LEA-HOLLA         5         7         19         131         56.0         66.4           DEDAG (URIN 152) LANDINGLA/LEA-HOLLA         5         7         19         118         61.1         68.0           DEDAG (URIN 152) LANDINGLA/LEA-HOLLA         5         7         10         61.7         68.0         66.4           DEDAG (URIN 145) CCDR-GREDHA/CTIODHE         5         7         10         64.7         69.7           DEDAG (URIN 145) CCDR-GREDHA/CTIODHE         5         7         10         64.7         70.7	233	0002140 (URN 025) JSMN/DLLA	7	78	104	57.6	9.99	6310	2233	8543
DECIDITION OF INTRINSTANCE (CONTINUAL CONTINUAL CONTI	234	0202183 (URN 031) 9502065/3/BNGL//MERC/RICO	9	78	105	68.5	72.5	7307	2813	10120
D2146 (URN 140) BNGL/V4916/STRN         6         77         103         68.7         71.9           D2146 (URN 146) BNGL/SG02066         6         77         103         68.7         72.6           D2137 (URN 137) DLMT/DLMT/IBGMEZ73-710         4         76         115         50.9         63.7           D2012 (URN 0137) ACIOSDH-BACKIOTHE         5         75         19         101         66.4         77.2           D2021 (URN 042) SG0304DHZ         6         7         19         131         56.0         66.4           D2021 (URN 042) SG0304DHZ         6         7         19         110         61.7         68.9           D2021 (URN 042) ACIOSDH-BACKIODHZ         6         7         9         110         67.8         73.0           D2021 (URN 052) ACIOSDH-BACKIODHZ         4         81         108         64.7         70.3           D2021 (URN 052) ACIOSDH-BACKIODHZ         5         77         108         64.7         70.3           D2021 (URN 051) ACIOSDH-BACKIODHZ         5         77         108         64.7         70.3           D2021 (URN 051) ACIOSDH-BACKIOTHZ         5         77         114         66.3         71.6           D2021 (URN 051) ACIOSDH-BACKIOTHZ <td< td=""><td>235</td><td>0002146 (URN 028) ORIN//MERC/RICO//</td><td>9</td><td>77</td><td>111</td><td>63.8</td><td>70.8</td><td>8391</td><td>4362</td><td>12753</td></td<>	235	0002146 (URN 028) ORIN//MERC/RICO//	9	77	111	63.8	70.8	8391	4362	12753
DEATH (MEN 146) BNGL/9502066         6         77         103         68.7         72.6           D2137 (URN 137) DLMT//DLMT//BB46273-710         4         76         115         50.9         63.7           D2125 (URN 125) JSMM/DLLA/ILEAH/DLLA         5         73         109         65.9         70.7           D2011 (URN 01.25) JSMM/DLLA/ILEAH/DLLA         5         7         105         68.6         70.7           D2021 (URN 042) JSGRADDLA/ILEAH/DLLA         5         7         10         66.4         70.7           D2021 (URN 042) JSGRADDLA/ILEAH/DLLA         5         7         10         66.4         73.2           D2026 (URN 052) CORPASSIPHIA         5         7         11         61.7         68.9           D2021 (URN 051) CATACDLHA         4         77         10         64.7         70.3           D2021 (URN 051) CATACDHARACTORDHA         5         7         10         64.0         71.3           D2021 (URN 051) CATACDHARACTORDHA         5         7         11         61.1         68.2           D2021 (URN 051) CATACDHARACTORDHA         5         7         11         66.7         71.6           D2021 (URN 051) CATACDHARACTORDHA         4         7         11         66.8	236	0302140 (URN 140) BNGL//V4916/STRN	ಬ	88	106	67.1	71.9	5344	3292	8636
DEGIST (URN 137) DLMT//DLMT//BB46273-710         4         76         115         50.9         63.7           DEGIST (URN 125) JSMM/DLLA/IT-BAH/DLLAA         5         73         109         65.9         70.7           DEGIST (URN 042) 9863304DHZ         5         7         19         131         56.0         66.4           DEGOST (URN 042) 9863304DHZ         6         78         101         61.7         68.9           DEGOST (URN 054) ACTOSDH2/ACTIODHZ         6         78         101         61.7         68.9           DEGOST (URN 055) ACTOSDH2/ACTIODHZ         5         80         118         61.8         69.0           DEGOST (URN 056) ACTOSDH2/ACTIODHZ         4         77         102         64.7         70.3           DEGOST (URN 056) ACTOSDH2/ACTIODHZ         4         77         108         64.0         71.3           DEGOST (URN 056) ACTOSDH2/ACTIODHZ         5         77         111         66.7         70.7           DEGOST (URN 056) CAPINGSHIANIST         5         76         107         66.7         70.7           DEGOST (URN 056) CAPINGSHIANIST         5         76         104         66.2         70.5           DEGOST (URN 057) CAPINGSHIANIST         5         7         7	237	0302146 (URN 146) BNGL/9502065	9	77	103	68.7	72.6	6089	3762	10071
22012 E (URN 128) JSMN/DLA/ILA/HDLAA         5         73         109         65.9         70.7           22011 (URNO11) AC105DH2/AC101DH2         5         75         105         168.6         73.2           22021 (URN 042) 3863304DH2         7         19         131         56.0         66.4           22021 (URN 051) AC105DH2/AC110DH2         6         78         101         61.7         68.9           22021 (URN 052) AC105DH2/AC110DH2         5         70         110         67.8         73.0           22021 (URN 052) AC105DH2/AC110DH2         4         81         108         64.7         69.4           22031 (URN 053) AC176DH2/AC110DH2         4         77         102         64.7         70.3           22032 (URN 053) AC176DH2/AC110DH2         5         77         108         64.7         70.3           22034 (URN 053) AC176DH1/355532DH2         5         77         108         64.7         70.3           22128 (URN 0591) AC176DH1/355532DH2         5         77         108         64.7         70.3           2218 (URN 0591) AC176DH1/355532DH2         5         77         104         65.7         70.5           25149 (URN 149) CCDR/35BLL040T-RICO         5         76         104	238	0302137 (URN 137) DLMT//DLMT//B846273-710	4	76	115	50.9	63.7	4364	2482	6846
DEOUT (URNOT1) ACTOSDH2/ACTOTDH2         5         75         105         68.6         73.2           DEOUZ (URN 042) 9863304DH2         7         19         131         56.0         66.4           DEOUZ (URN 051) ACTOSDH2/ACTODDH2         6         78         101         61.7         68.9           DEOUZ (URN 052) CCDR/98PIMOT41         5         80         118         61.8         69.0           DEOUZ (URN 052) CCDR/98PIMOT41         5         79         110         67.8         73.0           DEOUZ (URN 053) ACTOSDH2/ACTIODH2         4         81         108         64.7         70.3           DEOUZ (URN 051) ACTYSDH1/98DESSZEDH2         5         77         110         67.8         64.7         70.3           DEOUZ (URN 051) ACTYSDH1/98DESSZEDH2         5         77         111         61.1         68.2         70.7           DEOUZ (URN 051) ACTYSDH 051         5         77         114         66.7         70.7         70.7           SOSZ         2249 (URN 149) CCDR/98LL0401         4         70         114         66.8         72.5         69.4           SOSZ         6001124 (URN 013) SINGL/SHORT-RICO         5         79         105         62.7         69.4         70.0	239	0302125 (URN 125) JSMN/DELA//LEAH/DLLA	5	73	109	62.9	70.7	5538	2857	8395
020042 (URN 042) 9863304DH2         7         19         131         56.0         66.4           020051 (URN 051) ACT 05DH2ACT 10DH2         6         78         101         61.7         68.9           D20052 (URN 062) ACDR98PIMO141         5         80         118         61.8         69.0           D2007 (URN 071) ACT2CDH4         5         79         110         67.8         73.0           D2008 (URN 085) ACT05DH2ACT 10DH2         4         77         102         64.7         70.3           D2008 (URN 085) ACT05DH2ACT 10DH2         4         77         102         64.7         70.3           D2008 (URN 085) ACT05DH2ACT 10DH2         4         77         102         64.7         70.3           D2008 (URN 085) ACT05DH2ACT 10DH2         5         77         108         64.0         71.3           D2018 (URN 081) ACT6DH1/9856322DH2         5         77         114         66.7         70.7           D214 (URN 149) CCDP/98HL0401         5         7         76         104         65.5         71.6           B181         6001         6         7         7         7         7         7         7           C001154 (URN 149) CCDP/98HL04TY         7         7         7	240	0302011 (URN011) AC105DH2/AC101DH2	2	75	105	68.6	73.2	5881	2411	8292
202051 (URN 0621) ACTOSDH2ACT10DH2         6         78         101         61.7         68.9           D20052 (URN 062) CODR/98PIMO141         5         79         110         67.8         73.0           D20052 (URN 062) ACTORDH2ACT10DH2         4         81         100         67.8         73.0           D2008 (URN 068) ACTOSDH2ACT10DH2         4         77         102         64.7         69.4           D2038 (URN 068) ACTOSDH2ACT10DH2         4         77         102         64.7         70.3           D2039 (URN 068) ACTOSDH2ACT10DH2         4         77         102         64.7         70.3           D2039 (URN 068) ACTOSDH2ACT10DH2         5         7         7         108         64.7         70.3           D2218 (URN 148) CCDR/98HM0151         5         7         7         11         61.1         68.2           D2218 (URN 148) CCDR/98LL0A01         5         7         7         11         66.7         70.3           D3218 (URN 149) CCDR/98LL0A01         5         7         7         11         66.3         7           B181         6001         6         7         7         11         66.7         7           1001019S (URN 149) CCDR/98LL0A0T-RICCO         <	241	0302042 (URN 042) 9863304DH2	7	19	131	56.0	66.4	4466	3585	8051
CORDES (URN 062) CCDR/98PIMO141         5         80         118         61.8         69.0           DE071 (URN 071) AC122DH4         5         79         110         67.8         73.0           D2086 (URN 068) AC105DH2AC110DH2         4         81         102         64.7         70.3           D2098 (URN 068) AC105DH2AC110DH2         5         77         108         64.7         70.3           D2091 (URN 068) AC105DH2AC110DH2         5         77         108         64.7         70.3           D2092 (URN 128) CCDR/98PIMO151         5         77         11         61.1         68.7         71.3           D2128 (URN 128) CCDR/98L0401         5         7         7         11         61.1         68.7         70.3           D2149 (URN 128) CCDR/98L0401         5         7         10         65.5         7         10         66.7         7           S092         CD2449 (URN 128) CCDR/98L0401         4         7         11         66.5         7         7         7         10         66.7         7         7         10         66.7         7         1         66.7         7         1         66.7         7         1         1         1         1 <td< td=""><td>242</td><td>0302051 (URN 051) AC105DH2/AC110DH2</td><td>9</td><td>78</td><td>101</td><td>61.7</td><td>68.9</td><td>5548</td><td>2918</td><td>8466</td></td<>	242	0302051 (URN 051) AC105DH2/AC110DH2	9	78	101	61.7	68.9	5548	2918	8466
DEDOT (URN 071) AC122DH4         5         79         110         67.8         73.0           D2005 (URN 085) AC105DH2/AC110DH2         4         81         108         64.7         70.3           D2008 (URN 085) AC105DH2/AC110DH2         5         77         102         64.7         70.3           D2012 (URN 081) AC105DH1/89582ZDH2         5         77         111         61.1         68.2           D2128 (URN 128) CCDR/89E/MO151         5         77         111         61.1         68.2           D2149 (URN 128) CCDR/89E/MO151         5         78         107         66.7         70.3           D2128 (URN 128) CCDR/89E/MO151         7         7         11         66.7         70.7           S092         6181         7         10         66.7         70.7           S092         6181         7         7         10         66.3         70.9           S092         6181         7         7         11         66.8         70.3         70.3           S00114 (URN 021) BNGL/SHORT-RICO         5         79         99         64.9         70.3         71.8           AL         8         7         77         110         45.7         70.3	243	0302062 (URN 062) CCDR/98PIM0141	2	80	118	61.8	0.69	4900	2740	7640
202086 (URN 068) AC105DH2/AC110DH2         4         81         108         64.7         69.4           20208 (URN 068) AC105DH2/AC110DH2         4         77         102         64.7         70.3           20203 (URN 069) AC105DH1/98569322DH2         5         77         108         64.0         71.3           202126 (URN 128) CCDR/98PIMO151         5         77         111         61.1         68.2           202129 (URN 128) CCDR/98PIMO151         5         78         107         66.7         70.7           202129 (URN 128) CCDR/98PIMO151         5         78         107         66.7         70.7           3092         22149 (URN 128) CCDR/98PIMO151         7         76         114         66.7         70.7           8181         6002         7         7         70         114         66.8         72.5           8 181         6001124 (URN 021) BNGL/SHORT-RICCO         5         79         99         64.9         70.9           8 2         7         77         110         45.7         70.9           9 0001151 (URN 021) BNGL/SHORT-RICCO         5         72         120         61.2         71.8           1 0         10         45.7         77         1	244	0302071 (URN 071) AC122DH4	5	79	110	8.79	73.0	6777	3768	10545
202088 (URN 088) AC105DH2/AC110DH2         4         77         102         64.7         70.3           202091 (URN 091) AC176DH1/9989322DH2         5         77         108         64.0         71.3           202149 (URN 128) CCDR/99PLM0151         5         77         111         61.1         68.2           202149 (URN 128) CCDR/99LL0401         5         78         107         66.7         70.7           9092         7         7         76         101         65.5         71.6           9092         8181         7         7         7         7         7         7           9092         8181         4         70         114         66.8         72.5         7           9181         6002         7         7         7         114         66.8         72.5           10101093 (URN 024) BNGL/SHORT-RICO         5         79         99         64.9         70.9           10001151 (URN 021) BNGL/SHORT-RICO         5         79         110         45.7         70.3           1.2         7         7         17         45.7         70.3           2.2         8         7         120         67.2         68.2	245	0302085 (URN 085) AC105DH2/AC110DH2	4	81	108	64.7	69.4	5455	2655	8110
22128 (URN 128) CCDR/98PIMO151 5 77 111 61.1 68.2 222149 (URN 128) CCDR/98LL0401 5 77 111 61.1 68.2 222149 (URN 128) CCDR/98LL0401 5 7 78 107 66.7 70.7 9032 77 76 101 66.5 71.6 8181 69.4 70 114 66.8 77.1 68.4 70 114 66.8 72.5 71.6 8181 6001124 (URN 013) CPRS/NWBT/KATY 6FU 77 77 110 65.5 77.8 70.3 10001151 (URN 021) BNGL/SHORT-RICO 5 77 77 110 45.7 70.3 5.2 710 6 72 72 120 61.2 72.1 88 5 770 6 770 77 119 60.2 55.7 68.2 770 770 770 770 770 770 770 770 770 77	246	0302088 (URN 088) AC105DH2/AC110DH2	4	77	102	64.7	70.3	6347	2871	9218
202128 (URN 128) CCDR/98PIMO151         5         77         111         61.1         68.2           22149 (URN 149) CCDR/98LL0401         5         78         107         66.7         70.7           9092         7         76         101         65.5         71.6           8181         9         76         104         65.8         71.6           8181         4         70         114         66.8         72.5           10101093 (URN 004) 9101001//TBNT/KATY/3/LGRU         4         70         114         66.8         72.5           10001124 (URN 013) CPRS/NWBT/KATY         5         79         99         64.9         70.9           10001151 (URN 021) BNGL/SHORT-RICO         5         79         99         64.9         70.3           10001151 (URN 021) BNGL/SHORT-RICO         5         79         99         64.9         70.3           2.7         7         77         110         45.7         70.3           2.8         7         77         110         45.7         71.8           2.1         8         78         120         59.9         71.8           2.7         12         12         60.9         71.3         71.	247	0302091 (URN 091) AC176DH1/9959322DH2	5	77	108	64.0	71.3	5693	3377	9070
22149 (URN 149) CCDR/98LL0401         5         78         107         66.7         70.7           9092         7         7         76         101         65.5         71.6           8181         9         76         108         61.8         65.7         71.6           8181         9         7         7         114         66.8         72.5           1001124 (URN 013) CPRS/NWBT/KATY         5         79         105         62.7         69.4           10001124 (URN 021) BNGL/SHORT-RICO         5         79         99         64.9         70.9           10001151 (URN 021) BNGL/SHORT-RICO         5         79         99         64.9         70.3           2         7         7         77         110         45.7         70.3           2         7         7         7         7         7         7           3         8         78         113         62.0         7         7           4         7         7         7         11         7         7         1           2         8         7         7         1         6         7         7         1           3 <td>248</td> <td>0302128 (URN 128) CCDR/98PIM0151</td> <td>Ŋ</td> <td>77</td> <td>111</td> <td>61.1</td> <td>68.2</td> <td>6463</td> <td>2620</td> <td>9083</td>	248	0302128 (URN 128) CCDR/98PIM0151	Ŋ	77	111	61.1	68.2	6463	2620	9083
9992 1818 1818 1818 1819 10101093 (JENN 004) 9101001//TENT/KATY/ALGRU 10101093 (JENN 004) 9101001//TENT/KATY/ALGRU 10101093 (JENN 001) CPRS/NWBT/KATY 10001124 (JENN 013) CPRS/NWBT/KATY 10001124 (JENN 013) CPRS/NWBT/KATY 10001151 (JENN 021) BNGL/SHORT-RICO 10204114 1.7 2 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	249	0302149 (URN 149) CCDR/98LL0401	ß	78	107	66.7	70.7	6550	2567	9117
8181       9       76       108       61.8       69.4         10101093 (JRN 004) 9101001//TBNT/KATY/3/LGRU       4       70       114       66.8       72.5         10001124 (JRN 021) BNGL/SHORT-RICO       5       79       105       62.7       69.4       70.9         10001151 (JRN 021) BNGL/SHORT-RICO       7       7       110       45.7       70.3         2.7       7       7       110       45.7       70.3         2.7       7       110       45.7       70.3         2.7       7       17       11       45.7       70.3         2.8       7       7       11       45.7       71.8         2.8       7       7       11       62.0       71.8         3.1       8       7       120       65.7       68.2         3.1       8       7       120       55.7       68.2         3.1       10       11       60.2       69.5       71.3         3.1       10       1.7       3.3       5.3       3.8         4       10       1.7       3.3       5.3       3.3         5       3       5       5       6<	250	TX 9092	7	9/	101	65.5	71.6	6215	3724	9939
O001124 (URN 013) CPRS/NWBT/KATY       4       70       114       66.8       72.5         0001124 (URN 013) CPRS/NWBT/KATY       5       79       105       62.7       69.4         0001151 (URN 021) BNGL/SHORT-RICO       5       79       99       64.9       70.9         5 0204114       7       77       110       45.7       70.3         - 7       7       77       110       45.7       70.3         - 8       7       72       120       61.2       72.1         - 8       7       78       113       62.0       71.8         - 8       7       78       113       62.0       71.8         - 7       7       7       119       60.2       69.5         - 7       7       7       119       60.2       69.5         - 7       7       7       119       60.2       69.5         - 7       7       7       119       60.2       69.5         - 7       7       7       7       7       69.5       69.5         - 7       8       7       7       7       7       7       7         - 8       9       7 </td <td>251</td> <td>TX 8181</td> <td>6</td> <td>9/</td> <td>108</td> <td>61.8</td> <td>69.4</td> <td>5533</td> <td>2726</td> <td>8259</td>	251	TX 8181	6	9/	108	61.8	69.4	5533	2726	8259
0001124 (URN 013) CPRS/NWBT/KATY       5       79       105       62.7       69.4         10001151 (URN 021) BNGL/SHORT-RICO       5       7       7       110       45.7       70.9         5 0204114       7       7       110       45.7       70.3         - 7       7       110       45.7       70.3         - 8       7       72       120       61.2       72.1         - 8       7       78       113       62.0       71.8         - XL 8       7       79       118       59.9       71.3         - 710       6       79       118       59.9       71.3         - 712       7       10.4       1.7       3.3       5.3       3.8         - 712       7       10.4       1.7       3.3       5.3       3.8	252	AR 0101093 (URN 004) 9101001//TBNT/KATY/3/LGRU	4	70	114	8.99	72.5	5563	3144	8707
10001151 (URN 021) BNGL/SHORT-RICO       5       79       99       64.9       70.9         5 0204114       7       7       110       45.7       70.3         -7       7       110       45.7       70.3         -8       7       72       120       61.2       72.1         -8       78       113       62.0       71.8         -7       8       78       118       68.2       68.2         5 710       7       79       118       59.9       71.3         5 712       7       79       119       60.2       69.5         6 77       7       7       7       8       8         7       7       7       7       8       8       8         7       7       7       7       8	253	AR 0001124 (URN 013) CPRS/NWBT/KATY	2	79	105	62.7	69.4	5966	2643	8609
7       77       110       45.7       70.3         .7       7       120       61.2       72.1         .8       7       120       61.2       72.1         .8       7       13       62.0       71.8         .XL 8       6       78       120       55.7       68.2         .7       10       79       118       59.9       71.3         .7       7       119       60.2       69.5         .7       10       1.7       3.3       5.3       3.8         .9       2.2       5.9       6.7       5.3	254	AR 0001151 (URN 021) BNGL/SHORT-RICO	2	79	66	64.9	6.07	5835	3552	9387
.7     5     72     120     61.2     72.1       .8     .7     113     62.0     71.8       .XL 8     .7     120     55.7     68.2       .7 10     6     .79     118     59.9     71.3       .7 12     5     .79     119     60.2     69.5       .7 12     10.4     1.7     3.3     5.3     3.8       .8 10     .8 10     .8 10     .8 10     .8 10     .8 10       .8 10     .8 10     .8 10     .8 10     .8 10     .8 10       .8 10     .8 10     .8 10     .8 10     .8 10     .8 10       .8 10     .8 10     .8 10     .8 10     .8 10     .8 10     .8 10       .8 10     .8 10     .8 10     .8 10     .8 10     .8 10     .8 10     .8 10       .8 10	255	MS 0204114	7	77	110	45.7	70.3	5938	3306	9244
AL B     5     78     113     62.0     71.8       AL B     6     78     120     55.7     68.2       5 710     6     79     118     59.9     71.3       5 712     5     79     119     60.2     69.5       10.4     1.7     3.3     5.3     3.8       6 0.9     2.2     5.9     6.7     5.3	256	XL.7	2	72	120	61.2	72.1	5678	4019	2696
XL 8     6     78     120     55.7     68.2       5 710     6     79     118     59.9     71.3       5 712     79     119     60.2     69.5       10.4     1.7     3.3     5.3     3.8       6 0.9     2.2     5.9     6.7     5.3	257	XL 8	5	78	113	62.0	71.8	8004	5243	13247
5 710     6     79     118     59.9     71.3       5 712     5     79     119     60.2     69.5       10.4     1.7     3.3     5.3     3.8       60.9     2.2     5.9     6.7     5.3	258	CLXL 8	9	78	120	55.7	68.2	7630	4560	12190
5 712     5 79 119 60.2 69.5       10.4 1.7 3.3 5.3 3.8       0.9 2.2 5.9 6.7 5.3	259	XP 710	9	79	118	59.9	71.3	7100	5284	12384
10.4     1.7     3.3     5.3     3.8       0.9     2.2     5.9     6.7     5.3	260	XP 712	2	79	119	60.2	69.5	7702	4889	12591
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-			Days to 50%	Height	Mil. %	WII.	Grain	Ratoon	Total
ENT	PEDIGREE	Vigor	Heading	(cm)	Whole Gr	Total Gr	Yield	Yield	Yield
201	CL 121	τĊ	78	90	61.2	70.5	5487	1624	7111
202	CL 141	4	79	115	65.5	70.5	5812	2069	7881
203	CL 161	4	82	101	70.0	72.8	3955	1936	5891
204	COCODRIE	4	28	89	65.7	70.0	6004	1868	7872
205	CYPRESS	4	83	96	70.1	73.0	9809	2157	8243
206	CHENIERE	5	80	97	68.2	72.4	6293	2260	8553
207	FRANCIS	5	78	106	66.3	72.3	6874	2023	8897
208	WELLS	4	80	110	65.7	72.0	6718	1903	8621
509	SABER	4	80	100	68.3	70.5	5874	2881	8755
210	AHRENT	4	77	102	9.99	70.1	5052	1304	6356
211	PRISCILLA	9	79	96	64.8	71.2	6047	2720	8767
212	JEFFERSON	9	7.1	91	66.2	72.8	5555	2671	8226
213	MAYBELLE	5	99	104	9.09	71.6	3037	866	4035
214	PIROGUE	9	85	112	67.9	71.3	3771	1987	5758
215	BENGAL	4	85	97	6.79	71.3	5987	2699	9898
216	EARL	4	85	113	68.8	72.3	7823	2600	10423
217	DELLROSE	5	79	104	71.0	73.5	6161	2796	8957
218	DELLA	9	85	147	69.2	72.2	4722	1353	6075
219	DELLMATI	5	71	120	68.7	72.5	2330	1484	3814
220	0202002 (URN 002) 9502008/3/CPRS//82CAY21/TBNT	4	75	94	65.4	9.69	5871	1751	7622
221	0302005(URN 005) TACAURI/3/CPRS//82CAY21/TBNT	5	75	92	61.6	69.1	5154	1900	7054
222	0202008 (URN 008) CPRS//82CAY21/TBNT/	5	69	100	64.9	9.69	4430	1488	5918
223	0302022 (URN 022) TACAURI/3/CPRS//82CAY21/TBNT	5	92	92	63.8	68.8	4835	1574	6409
224	0202195 (URN 034) NWBT/KATY//9902207x7	4	77	92	69.5	73.4	6692	1911	8603
225	0202192 (URN 045) DREW/3/CPRS//82CAY21/TBNT	5	9/	97	68.5	71.9	6701	2047	8748
226	0202048 (URN 048) LM-1	7	83	95	67.7	73.3	6112	3202	9314
227	0302065 (URN 065) 9602082/CPRS//82CAY21/TBNT/3/AR-1121	4	76	92	67.2	71.7	4824	1333	6157
228	0102068 (URN 068) 9502008/LGRU	5	79	96	68.0	71.8	6474	2672	9146
229	0302082 (URN 082) 9502008-A/DREW	4	77	89	2.99	72.4	4845	2098	6943
230	0302094 (URN 094) 9502008-A/DREW	4	77	93	68.2	72.2	5579	1590	7169
231	0302097 (URN 097) 9502008-A/TACAURI	5	9/	85	68.8	72.4	5991	2388	8379
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ř	•		Days to 50%	Height	Mil. %	Mil. %	Grain	Ratoon	Total
EN	PEDIGREE	Vigor	Heading	(cm)	Whole Gr	Total Gr	Yield	Yield	Yield
232	0202103 (URN103) CPRS/DREW	သ	79	100	71.0	73.8	5022	2348	7370
233	0002140 (URN 025) JSMN/DLLA	9	98	102	60.7	67.3	5522	1221	6743
234	0202183 (URN 031) 9502065/3/BNGL//MERC/RICO	9	83	66	65.8	69.3	6703	2384	2806
235	0002146 (URN 028) ORIN/MERC/RICO//	9	82	106	69.1	72.0	8288	2992	11280
236	0302140 (URN 140) BNGL//V4916/STRN	4	83	95	71.4	74.6	5908	1915	7823
237	0302146 (URN 146) BNGL/9502065	5	83	95	70.4	73.0	6290	3407	2696
238	0302137 (URN 137) DLMT//DLMT//B846273-710	4	78	108	61.0	6.69	5511	1978	7489
239	0302125 (URN 125) JSMN/DLLA//LEAH/DLLA	5	72	94	66.4	70.9	4041	1806	5847
240	0302011 (URN011) AC105DH2/AC101DH2	4	78	89	66.8	70.5	5340	1575	6915
241	0302042 (URN 042) 9863304DH2	5	88	125	58.8	9.89	5301	4465	9266
242	0302051 (URN 051) AC105DH2/AC110DH2	5	77	83	63.2	69.8	4733	1722	6455
243	0302062 (URN 062) CCDR/98PIM0141	5	79	66	63.0	69.3	5556	2084	7640
244	0302071 (URN 071) AC122DH4	4	84	66	67.1	71.3	5554	2438	7992
245	0302085 (URN 085) AC105DH2/AC110DH2	4	82	97	69.1	73.0	5755	2236	7991
246	0302088 (URN 088) AC105DH2/AC110DH2	4	78	94	66.3	70.0	5703	1753	7456
247	0302091 (URN 091) AC176DH1/9959322DH2	5	75	93	9'.29	73.4	5496	2076	7572
248	0302128 (URN 128) CCDR/98PIM0151	4	79	97	62.9	70.3	5308	2077	7385
249	0302149 (URN 149) CCDR/98LL0401	4	79	98	71.2	73.4	6681	2418	6606
250	TX 9092	7	77	96	69.5	72.8	5872	2991	8863
251	TX 8181	7	77	94	70.5	73.3	5997	2015	8012
252	AR 0101093 (URN 004) 9101001//TBNT//KATY/3/LGRU	4	7.1	104	0.99	71.7	2929	1754	4683
253	AR 0001124 (URN 013) CPRS/NWBT/KATY	5	78	93	68.8	71.6	5942	2284	8226
254	AR 0001151 (URN 021) BNGL/SHORT-RICO	4	85	100	65.8	69.1	5078	2710	7788
255	MS 0204114	7.	81	97	64.6	6.07	5672	2877	8549
256	XL 7	5	72	113	64.1	72.6	5966	3956	9922
257	XL 8	5	79	110	64.4	72.6	7344	3432	10776
258	CLXL 8	4	81	112	66.1	74.1	6553	3249	9802
259	XP 710	7	9/	113	66.5	74.6	7245	4515	11760
560	XP 712	2	83	119	70.1	72.9	6940	4935	11875
		10.9	1.8	2.8	2.8	1.7	15.3		
LSD (0.05)	.05)	0.9	2.2	4.6	3.7	2.5	1406.9		

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ENT	PEDIGREE	VIGOR	Days to 50% Heading	Height (cm)	Grain Yield	Mil. % Whole Gr	Mil. % Total Gr
201	CL 121	5	70	84	6091	66.8	70.7
202	CL 141	4	74	114	7187	64.4	69.3
203	CL 161	4	77	97	7037	67.0	70.5
203	COCODRIE	5	71	88	6539	66.0	71.2
205	CYPRESS	4	75	89	6092	66.8	70.8
206	CHENIERE	5	73	90	6473	65.6	71.2
207	FRANCIS	5	75	101	7145	62.6	68.8
208	WELLS	5	75	99	7238	62.7	69.6
209	SABER	5	73	91	5801	68.8	70.6
210	AHRENT	5	73	100	5338	63.1	67.8
211	PRISCILLA	6	74	88	5987	65.8	70.2
212	JEFFERSON	6	69	86	5162	66.3	71.1
213	MAYBELLE	6	68	93	4948	67.3	71.0
214	PIROGUE	6	77	95	6000	63.5	69.6
215	BENGAL	5	78	93	6890	66.5	69.1
216	EARL	5	80	101	5723	64.0	67.9
217	DELLROSE	6	74	89	5000	66.6	70.5
218	DELLA	6	78	123	4213	58.0	67.8
219	DELLMATI	6	67	100	3948	61.9	69.7
220	0202002 (URN 002) 9502008/3/CPRS//82CAY21/TBNT	6	71	89	6072	67.3	71.2
221	0302005(URN 005) TACAURI/3/CPRS//82CAY21/TBNT	6	72	87	6379	62.7	69.7
222	0202008 (URN 008) CPRS//82CAY21/TBNT/	5	67	98	7840	61.9	66.9
223	0302022 (URN 022) TACAURI/3/CPRS//82CAY21/TBNT	6	70	80	5668	67.3	71.2
224	0202195 (URN 034) NWBT/KATY//9902207x7	5	70	86	6566	66.4	71.0
225	0202192 (URN 045) DREW/3/CPRS//82CAY21/TBNT	6	71	88	6112	65.6	70.1
226	0202048 (URN 048) LM-1	7	74	83	4581	61.6	70.9
227	0302065 (URN 065) 9602082/CPRS//82CAY21/TBNT/3/AR-1121	5	70	90	6050	67.5	72.1
228	0102068 (URN 068) 9502008/LGRU	5	71	90	6374	68.1	71.5
229	0302082 (URN 082) 9502008-A/DREW	4	71	82	6255	69.4	73.7
230	0302094 (URN 094) 9502008-A/DREW	6	70	93	6417	68.5	71.9
231	0302097 (URN 097) 9502008-A/TACAURI	5	70	85	5804	65.2	70.7
232	0202103 (URN103) CPRS/DREW	6	73	94	4806	66.8	73.0
233	0002140 (URN 025) JSMN/DLLA	5	78	91	5672	53.8	65.5
234	0202183 (URN 031) 9502065/3/BNGL//MERC/RICO	5	77	90	6229	64.7	67.5

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			Days to				
ENT	PEDIGREE	VIGOR	50% Heading	Height (cm)	Grain Yield	Mil. % Whole Gr	Mil. % Total Gr
235	0002146 (URN 028) ORIN//MERC/RICO//	6	76	96	5922	65.3	68.2
236	0302140 (URN 140) BNGL//V4916/STRN	5	77	91	5998	68.3	72.1
237	0302146 (URN 146) BNGL/9502065	5	76	84	5640	67.6	70.1
238	0302137 (URN 137) DLMT//DLMT//B846273-710	5	70	97	6585	65.1	70.8
239	0302125 (URN 125) JSMN/DLLA//LEAH/DLLA	4	68	88	5171	67.4	72.0
240	0302011 (URN011) AC105DH2/AC101DH2	5	71	88	5893	67.1	70.8
241	0302042 (URN 042) 9863304DH2	5	80	120	6387	53.5	66.3
242	0302051 (URN 051) AC105DH2/AC110DH2	5	67	88	5067	68.0	72.0
243	0302062 (URN 062) CCDR/98PIM0141	5	75	95	4711	61.4	67.8
244	0302071 (URN 071) AC122DH4	4	77	100	7973	64.5	68.2
245	0302085 (URN 085) AC105DH2/AC110DH2	5	73	94	5828	66.5	70.9
246	0302088 (URN 088) AC105DH2/AC110DH2	5	70	95	6313	67.2	70.5
247	0302091 (URN 091) AC176DH1/9959322DH2	6	71	<b>8</b> 9	5550	64.1	70.0
248	0302128 (URN 128) CCDR/98PIM0151	5	72	98	7610	67.0	70.7
249	0302149 (URN 149) CCDR/98LL0401	5	72	93	7115	68.7	71.4
250	TX 9092	5	73	86	5276	67.4	70.9
251	TX 8181	7	73	86	5332	67.7	71.3
252	AR 0101093 (URN 004) 9101001//TBNT/KATY/3/LGRU	5	69	105	7228	68.5	71.7
253	AR 0001124 (URN 013) CPRS/NWBT/KATY	5	73	91	6283	69.5	72.5
254	AR 0001151 (URN 021) BNGL/SHORT-RICO	5	77	91	6439	63.7	67.4
255	MS 0204114	6	73	92	5859	64.7	69.2
256	XL 7	4	69	113	7531	62.8	71.6
257	XL 8	5	73	105	8226	60.3	69.7
258	CLXL 8	4	75	111.	8961	59.4	69.0
259	XP 710	7	77	112	8414	58.6	67.7
260	XP 712	5	76	107	8740	63.8	68.7
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C.V.		10.3	1.8	4.8	11.1	2.8	1.8
LSD(0.05)		0.9	2.2	7.8	1116.2	3.7	2.5

## 2003 Commercial Advanced Rice Yield Test Vermilion Parish, Pine Island, La

03 CA ENTRY	PEDIGREE	Vigor	Days to 50% Heading	Height (cm)	Grain Yield
201	CL 121	5	68	79	4532
202	CL 141	4	72	94	4667
203	CL 161	4	74	95	5036
204	COCODRIE	5	70	86	5627
205	CYPRESS	5	73	90	5259
206	CHENIERE	5	73	89	5795
207	FRANCIS	5	72	92	5521
208	WELLS	4	72	93	5179
209	SABER	5	73	89	4390
210	AHRENT	5	71	93	4348
211	PRISCILLA	6	73	90	4892
212	JEFFERSON	8	66	89	4668
213	MAYBELLE	5	63	87	3867
214	PIROGUE	7	75	94	5636
215	BENGAL	5	75	85	5559
216	EARL	6	75	96	5539
217	DELLROSE	7	72	89	3894
218	DELLA	7	75	115	3403
219	DELLMATI	7	63	106	2771
220	0202002 (URN 002) 9502008/3/CPRS//82CAY21/TBNT	5	69	87	5441
221	0302005(URN 005) TACAURI/3/CPRS//82CAY21/TBNT	6	69	88	5430
222	0202008 (URN 008) CPRS//82CAY21/TBNT/	7	64	93	5061
223	0302022 (URN 022) TACAURI/3/CPRS//82CAY21/TBNT	6	69	87	5233
224	0202195 (URN 034) NWBT/KATY//9902207x7	5	68	86	5758
225	0202192 (URN 045) DREW/3/CPRS//82CAY21/TBNT	7	70	92	5094
226	0202048 (URN 048) LM-1	8	72	85	3694
227	0302065 (URN 065) 9602082/CPRS//82CAY21/TBNT/3/AR-1121	5	71	85	4916
228	0102068 (URN 068) 9502008/LGRU	5	72	84	4717
229	0302082 (URN 082) 9502008-A/DREW	6	70	88	5081
230	0302094 (URN 094) 9502008-A/DREW	6	69	92	5189
231	0302097 (URN 097) 9502008-A/TACAURI	6	72	83	4818
232	0202103 (URN103) CPRS/DREW	5	73	87	4790
233	0002140 (URN 025) JSMN/DLLA	6	74	94	4735
234	0202183 (URN 031) 9502065/3/BNGL//MERC/RICO	5	75	83	5999
235	0002146 (URN 028) ORIN//MERC/RICO//	5	74	90	5815
236	0302140 (URN 140) BNGL//V4916/STRN	5	76	88	5261
*	0302146 (URN 146) BNGL/9502065	5	75	80	4721
	0302137 (URN 137) DLMT//DLMT//B846273-710	5	69	96	5443
	0302125 (URN 125) JSMN/DLLA//LEAH/DLLA	5	64	89	4415
	0302011 (URN011) AC105DH2/AC101DH2	5	70	87	4839
	0302042 (URN 042) 9863304DH2	7	75	113	5798
	0302051 (URN 051) AC105DH2/AC110DH2	7	70	83	4191
	0302062 (URN 062) CCDR/98PIM0141	6	72	90	3501
	0302071 (URN 071) AC122DH4	5	76	91	5364

## 2003 Commercial Advanced Rice Yield Test Vermilion Parish, Pine Island, La

03 CA ENTRY	PEDIGREE	Vigor	Days to 50% Heading	Height (cm)	Grain Yield
245	0302085 (URN 085) AC105DH2/AC110DH2	5	73	87	4235
246	0302088 (URN 088) AC105DH2/AC110DH2	4	67	94	5231
247	0302091 (URN 091) AC176DH1/9959322DH2	7	70	91	4312
248	0302128 (URN 128) CCDR/98PIM0151	6	72	92	5550
249	0302149 (URN 149) CCDR/98LL0401	6	70	96	5455
250	TX 9092	5	70	83	4558
251	TX 8181	6	73	88	4711
252	AR 0101093 (URN 004) 9101001//TBNT/KATY/3/LGRU	6	65	89	4625
253	AR 0001124 (URN 013) CPRS/NWBT/KATY	6	72	92	5328
254	AR 0001151 (URN 021) BNGL/SHORT-RICO	5	76	88	5080
255	MS 0204114	7	73	95	4357
256	XL 7	6	68	108	6753
257	XL 8	5	71	100	6843
258	CLXL 8	5	73	105	6739
259	XP 710	5	73	100	7659
260	XP 712	5	76	100	6628
C.V.		12.6	1.8	4.8	7.1
LSD (0.05)		1.1	2	7.1	580.3

# 2003 Commercial Advanced Rice Yield Test Evangeline Parish, Mamou, La

		Days to	-	<del>(j)</del>
ENT	PEDIGREE	50%	Height	Grain Yield
+ 5		Heading	(cm)	
201	CL 121	79	82	4512
202	CL 141	83	101	3601
203	CL 161	85	94	5129
204	COCODRIE	81	95	6461
205	CYPRESS	83	97	5566
206	CHENIERE	84	95	6282
207	FRANCIS	83	100	5985
208	WELLS	84	102	6413
209	SABER	83	95	4611
210	AHRENT	79	105	5516
211	PRISCILLA	86	97	4745
212	JEFFERSON	78	85	4537
213	MAYBELLE	74	93	3978
214	PIROGUE	88	88	2898
215	BENGAL	86	92	5109
216	EARL	87	106	5548
217	DELLROSE	87	90	4203
218	DELLA	87	120	2096
219	DELLMATI	80	117	2090
220	0202002 (URN 002) 9502008/3/CPRS//82CAY21/TBNT	78	98	6350
221	0302005(URN 005) TACAURI/3/CPRS//82CAY21/TBNT	82	87	5854
222	0202008 (URN 008) CPRS//82CAY21/TBNT/	76	102	4410
223	0302022 (URN 022) TACAURI/3/CPRS//82CAY21/TBNT	81	88	5305
224	0202195 (URN 034) NWBT/KATY//9902207x7	79	95	7288
225	0202192 (URN 045) DREW/3/CPRS//82CAY21/TBNT	82	96	6742
226	0202048 (URN 048) LM-1	88	82	2625
227	0302065 (URN 065) 9602082/CPRS//82CAY21/TBNT/3/AR-1121	79	93	6115
228	0102068 (URN 068) 9502008/LGRU	84	94	5630
229	0302082 (URN 082) 9502008-A/DREW	81	96	6279
230	0302094 (URN 094) 9502008-A/DREW	80	97	6461
231	0302097 (URN 097) 9502008-A/TACAURI	82	89	5542
232	0202103 (URN103) CPRS/DREW	82	99	5959
233	0002140 (URN 025) JSMN/DLLA	88	101	4498
234		88	85	4825
	0202183 (URN 031) 9502065/3/BNGL//MERC/RICO			
235	0002146 (URN 028) ORIN//MERC/RICO//	82	101	5775

		Days to		
ENT	PEDIGREE	50% Heading	Height (cm)	Grain Yield
236	0302140 (URN 140) BNGL//V4916/STRN	86	99	4443
237	0302146 (URN 146) BNGL/9502065	87	92	4033
238	0302137 (URN 137) DLMT//DLMT//B846273-710	80	104	2777
239	0302125 (URN 125) JSMN/DLLA//LEAH/DLLA	77	95	3271
240	0302011 (URN011) AC105DH2/AC101DH2	79	99	5822
241	0302042 (URN 042) 9863304DH2	92	124	5330
242	0302051 (URN 051) AC105DH2/AC110DH2	80	92	4182
243	0302062 (URN 062) CCDR/98PIM0141	86	91	3263
244	0302071 (URN 071) AC122DH4	86	99	4777
245	0302085 (URN 085) AC105DH2/AC110DH2	81	100	5248
246	0302088 (URN 088) AC105DH2/AC110DH2	82	104	6123
247	0302091 (URN 091) AC176DH1/9959322DH2	82	91	4470
248	0302128 (URN 128) CCDR/98PIM0151	81	103	6253
249	0302149 (URN 149) CCDR/98LL0401	80	102	6094
250	TX 9092	85	90	4215
251	TX 8181	88	85	4769
252	AR 0101093 (URN 004) 9101001//TBNT/KATY/3/LGRU	73	106	3383
253	AR 0001124 (URN 013) CPRS/NWBT/KATY	84	94	5675
254	AR 0001151 (URN 021) BNGL/SHORT-RICO	88	92	4756
255	MS 0204114	86	97	4058
256	XL 7	79	115	6448
257	XL 8	84	112	6727
258	CLXL 8	83	112	6764
259	XP 710	86	116	7717
260	XP 712	88	111	6635
C.V.		2.2	4.0	10.8
LSD (0.05)		2.9	6.3	892.4

## Registration of 'Cypress' Rice

'CYPRESS' (Oryza sativa L.) (Reg. no. CV-91, PI 561734) is a high-yielding, early-maturing long-grain cultivar developed at the Rice Research Station at Crowley, LA, by the Louisiana Agricultural Experiment Station in cooperation with the USDA-ARS, the Arkansas Agricultural Experiment Station, the Mississippi Agricultural and Forestry Experiment Station, and the Texas Agricultural Experiment Station. Cypress was officially released 1 Mar. 1992.

Cypress originated from the cross 'L-202'/'Lemont' made at the Rice Research Station in 1983. The L-202 (2) parent is an early maturing, semidwarf long-grain cultivar developed by the California Cooperative Rice Research Foundation at the Rice Experiment Station, Biggs, CA. Lemont (1) is an early-maturing, semidwarf long-grain cultivar developed by the USDA-ARS in conjunction with the Texas Agricultural Experiment Station at the Texas A&M University Agricultural Research and Extension Center, Beaumont. Cypress is an F<sub>5</sub> bulk of a single progency row in the breeding nursery at Crowley in 1986, selection 8621296. It was evaluated in the preliminary yield nursery (experimental designation 8702646) in 1987 and entered in the Cooperative Uniform Regional Rice Nurseries (URRN) in 1988 with the designation RU8802051.

Cypress has a semidwarf plant type and is similar in height to 'Lacassine', Lemont, and 'Gulfmont'. In the URRN grown in Louisiana, Arkansas, Mississippi, and Texas from 1988 to 1991, the average height of Cypress was 96 cm and that of Lacassine, Lemont, Gulfmont, and 'Katy' was 93, 94, 93, and 116 cm, respectively. The flag leaf of Cypress is relatively narrow, remains upright through physiological maturity, and tends to droop as plants approach harvest maturity. Days to heading averages 85 for Cypress, 85 for Lacassine, 87 for Lemont, 85 for Gulfmont, and 88 for Katy (URRN, 1988–1991).

The leaves, lemma, and palea of Cypress are glabrous. The spikelet is straw-colored and awnless. The apiculus is purple at heading, but the color fades as the grain approaches maturity. The grain is nonaromatic and nonglutinous, and has a light brown pericarp. The overall average yield of Cypress in the URRN in the four major rice-producing states in the U.S. South in 1988 to 1991 was 7280 kg ha<sup>-1</sup>, compared with 7624 for Lacassine, 6918 for Lemont, 7267 for Gulfmont, and 6200 for Katy. In the Louisiana Advanced Yield tests (five locations) for 1988 to 1990, Cypress averaged overall yields of 8251 kg ha<sup>-1</sup>, compared with 8043 for Lacassine and 7813 for Lemont.

Milling yields (mg g<sup>-1</sup> whole kernel/mg g<sup>-1</sup> total milled rice) at  $120 \text{ mg g}^{-1}$  moisture (1988-1991 URRN average) were 612.702 (61.70%) for Cypress, 580.712 (58.70%) for Lacassine, 608.711 (61.71%) for Lemont, 607.709 (61.71%) for Gulfmont, and 583.684 (58.68%) for Katy. Individual kernel dimensions for Cypress, Lacassine, Lemont, Gulfmont, and Katy are shown in Table 1.

Results from the Cooperative Regional Rice Quality Laboratory at Beaumont indicate that Cypress has typical U.S. longgrain rice cooking quality characteristics, as described by Webb et al. (3). Cypress has an average apparent starch amylose content of 215 g kg<sup>-1</sup> and an intermediate gelatinization temperature (70–75 °C), as indicated by an average alkali spreading reaction of 3 in 1.7% KOH.

Cypress is moderately susceptible to rice blast [Pyricularia grisea (Cooke) Sacc.] races IB-1, IB-49, and IC-17 and highly

Table 1. Paddy, brown, and milled grain dimensions and weight of Cypress, Lacassine, Lemont, Gulfmont, and Katy rice grown at Crowley, LA, in 1991.

Cultivar	Length (L)	Width (W)	Thick- ness	L/W ratio	Weight
		mm			mg
		Paddy 1	Rice		
Cypress	9.27	2.47	2.01	3.76	25.1
Lacassine	9.67	2.67	2.03	3.62	27.2
Lemont	9.33	2.80	1.94	3.33	27.4
Gulfmont	9.53	2.87	1.97	3.33	25.2
Katy	9.07	2.53	1.92	3.58	23.7
		Brown	Rice		
Cypress	7.27	2.27	1.81	3.20	21.0
Lacassine	7.67	2.34	1.82	3.28	22.3
Lemont	7.80	2.47	1.74	3.16	23.4
Gulfmont	7.80	2.40	1.83	3.25	23.6
Katy	7.67	2.27	1.71	3.38	19.0
		Milled I	Rice		
Cypress	7.00	2.20	1.71	3.18	17.9
Lacassine	7.20	2.20	1.85	3.27	19.0
Lemont	7.13	2.33	1.67	3.06	20.3
Gultmont	7.33	2.26	1.73	3.24	21.4
Katy	6.93	2.07	1.65	3.36	15.4

resistant to races IG-1, IH-1, IB-33, IB-54, and ID-13. It is susceptible to sheath blight (*Rhizoctonia solani* Kühn), highly resistant to narrow brown leaf spot (*Cercospora oryzae* Miyake), moderately susceptible to leaf smut (*Entyloma oryzae* Syd. & P. Syd.), and moderately resistant to the physiological disorder straighthead.

Variants observed and removed from increase fields of Cypress included any combination of the following: taller, pubescent, earlier, later, intermediate grain type, and medium grain type. The total number of variants numbered fewer than 1 per 5000 plants.

Breeder and foundation seed of Cypress will be maintained by the Louisiana State University Agricultural Center, Louisiana Agricultural Experiment Station, Rice Research Station, P.O. Box 1429, Crowley, LA 70527-1429. Limited quantities of seed are available upon request to the corresponding author.

S. D. Linscombe, \* F. Jodari, K. S. McKenzie, P. K. Bollich, L. M. White, D. E. Groth, and R. T. Dunand (4)

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10. Is the applicant the original owner?	NO If no, please answer one	of the following:
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